

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120622\
 Data File : BF131537.D
 Acq On : 06 Dec 2022 20:32
 Operator : CG\JU
 Sample : N5793-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EB-2022-11-28

Quant Time: Dec 07 03:24:50 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 06 01:30:30 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

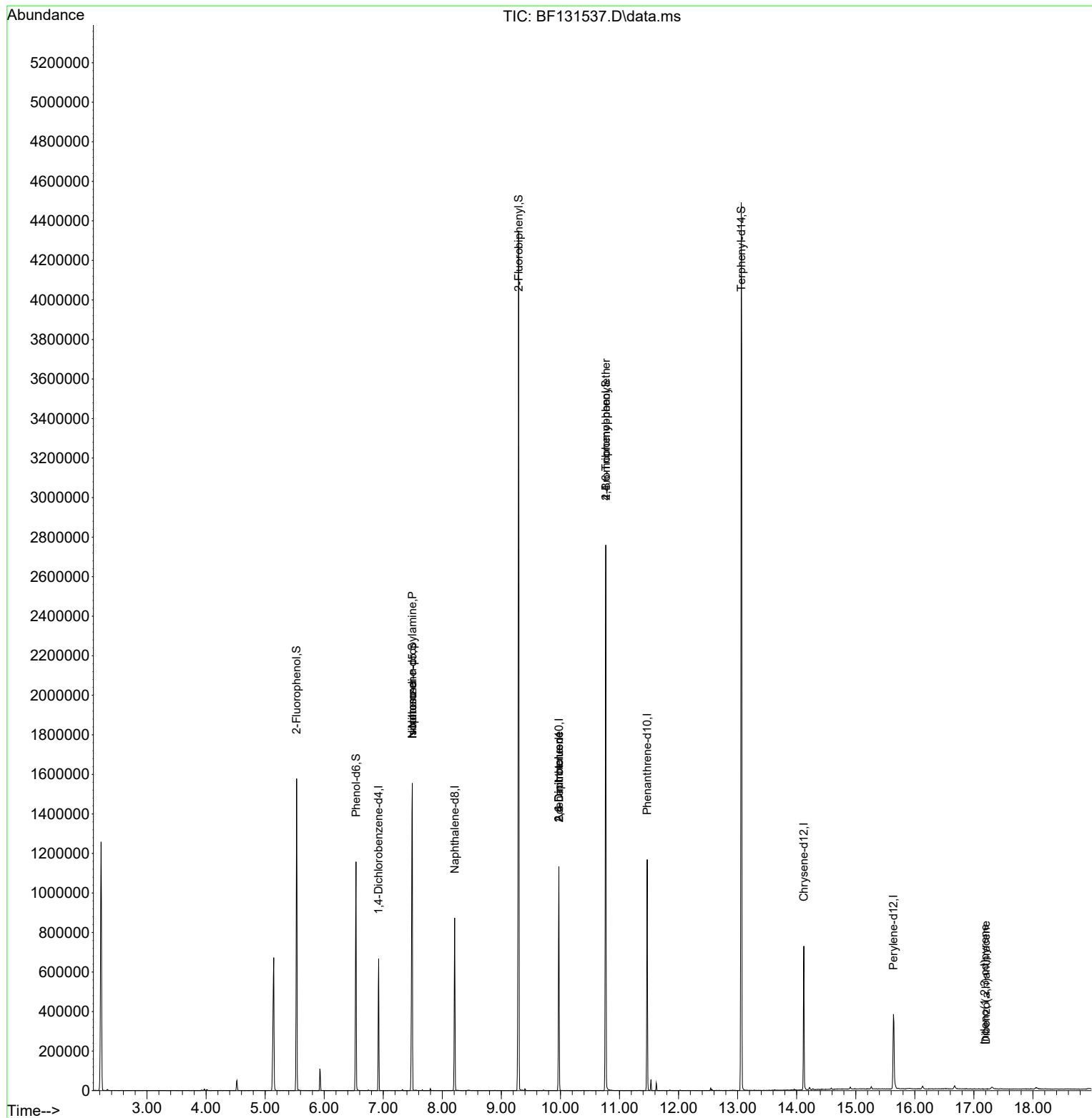
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	98034	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	364476	20.000	ng	# 0.00
39) Acenaphthene-d10	9.975	164	221956	20.000	ng	0.00
64) Phenanthrene-d10	11.469	188	421210	20.000	ng	# 0.00
76) Chrysene-d12	14.121	240	252295	20.000	ng	0.00
86) Perylene-d12	15.639	264	198637	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	451846	78.708	ng	0.00
7) Phenol-d6	6.540	99	372891	52.016	ng	0.00
23) Nitrobenzene-d5	7.492	82	561611	70.720	ng	0.00
42) 2,4,6-Tribromophenol	10.769	330	354952	140.449	ng	0.00
45) 2-Fluorobiphenyl	9.292	172	1395066	82.454	ng	0.00
79) Terphenyl-d14	13.063	244	1715405	102.679	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.492	70	77159	15.903	ng	# 77
25) Isophorone	7.492	82	560277	45.356	ng	# 67
51) 2,6-Dinitrotoluene	9.975	165	29236	8.529	ng	# 20
57) 2,4-Dinitrotoluene	9.975	165	29236	6.500	ng	# 14
67) 4-Bromophenyl-phenylether	10.769	248	22750	4.317	ng	# 1
77) Benzidine	13.063	184	23071	Below Cal	#	91
85) Di-n-octyl phthalate	14.721	149	492	Below Cal	#	18
87) Indeno(1,2,3-cd)pyrene	17.186	276	214	3.036	ng	# 55
91) Dibenzo(a,h)anthracene	17.204	278	56	3.489	ng	# 58

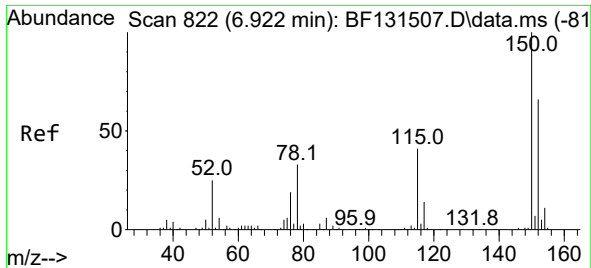
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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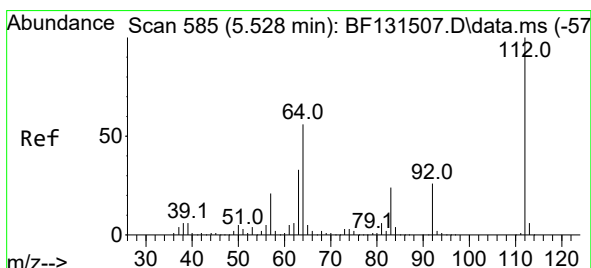
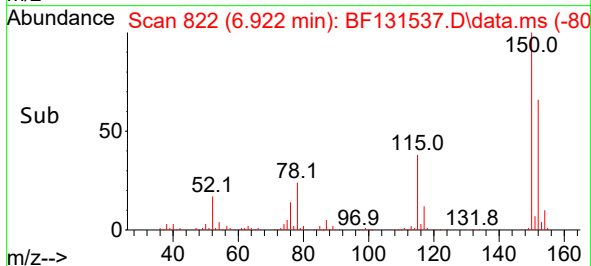
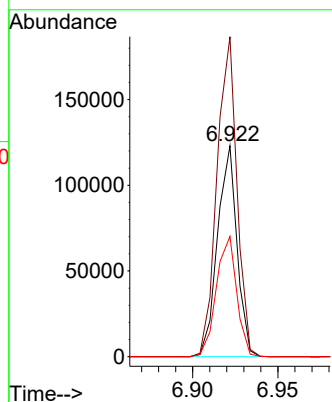
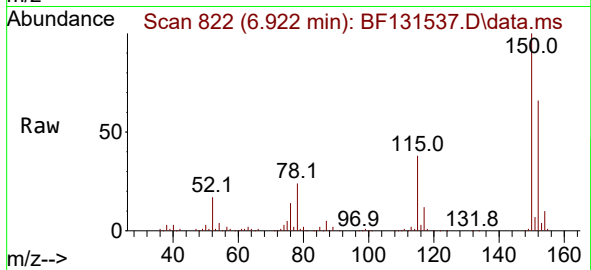




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131537.D
Acq: 06 Dec 2022 20:32

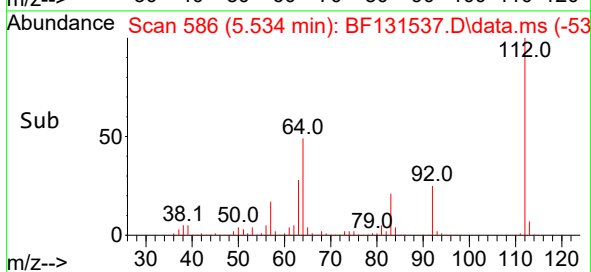
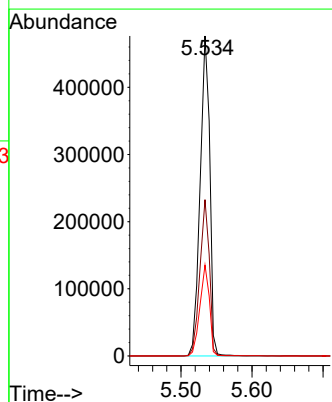
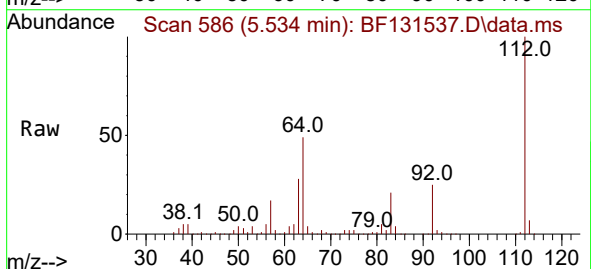
Instrument :
BNA_F
ClientSampleId :
EB-2022-11-28

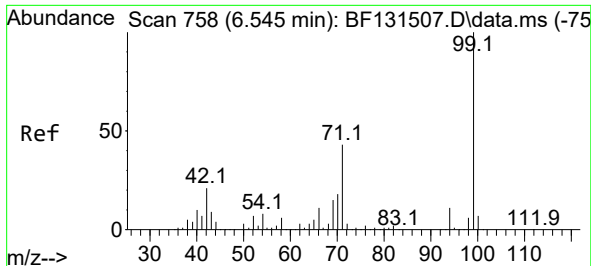
Tgt Ion:152 Resp: 98034
Ion Ratio Lower Upper
152 100
150 151.7 121.9 182.9
115 57.1 50.4 75.6



#5
2-Fluorophenol
Concen: 78.708 ng
RT: 5.534 min Scan# 586
Delta R.T. 0.006 min
Lab File: BF131537.D
Acq: 06 Dec 2022 20:32

Tgt Ion:112 Resp: 451846
Ion Ratio Lower Upper
112 100
64 48.8 44.5 66.7
63 28.4 26.7 40.1

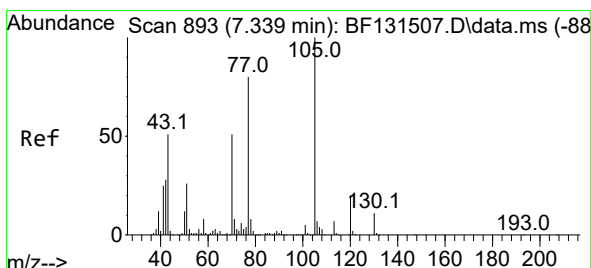
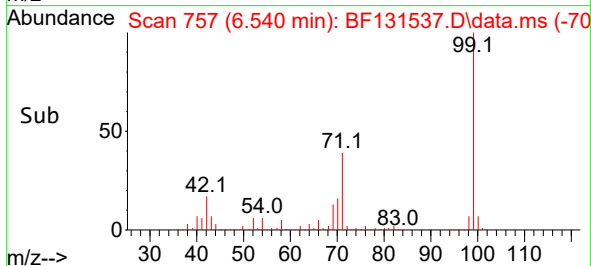
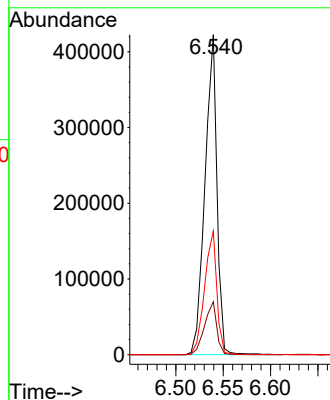
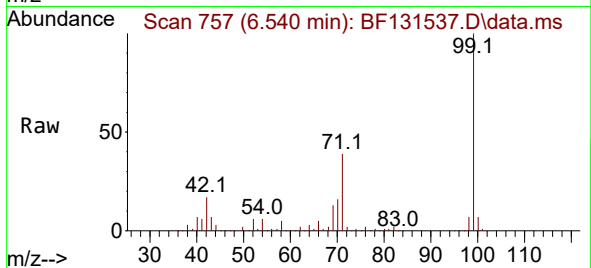




#7
Phenol-d6
Concen: 52.016 ng
RT: 6.540 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131537.D
Acq: 06 Dec 2022 20:32

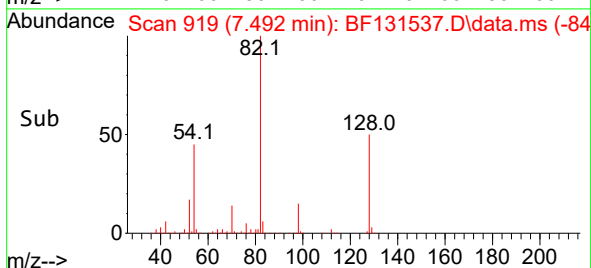
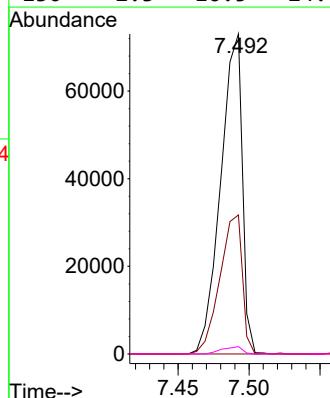
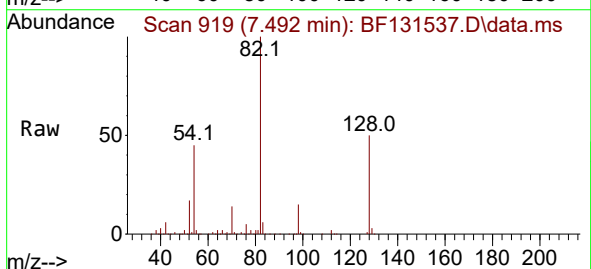
Instrument :
BNA_F
ClientSampleId :
EB-2022-11-28

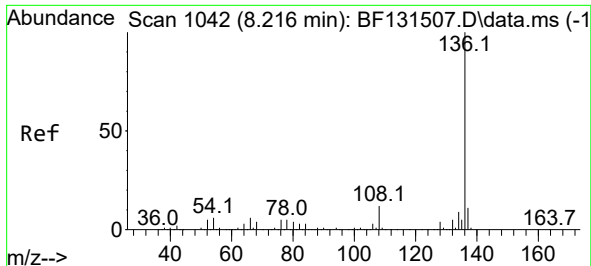
Tgt Ion: 99 Resp: 372891
Ion Ratio Lower Upper
99 100
42 16.5 16.6 25.0#
71 38.7 34.4 51.6



#19
n-Nitroso-di-n-propylamine
Concen: 15.903 ng
RT: 7.492 min Scan# 919
Delta R.T. 0.153 min
Lab File: BF131537.D
Acq: 06 Dec 2022 20:32

Tgt Ion: 70 Resp: 77159
Ion Ratio Lower Upper
70 100
42 43.5 44.1 66.1#
101 0.0 7.7 11.5#
130 2.3 16.5 24.7#

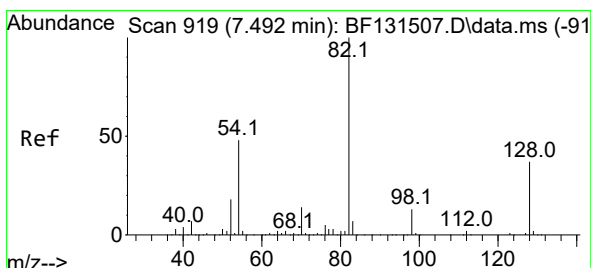
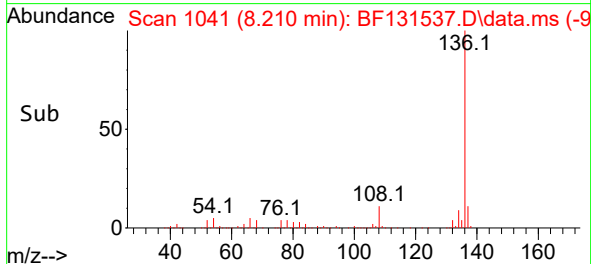
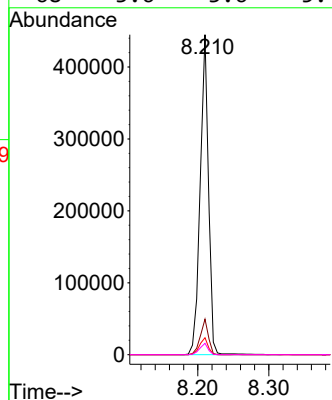
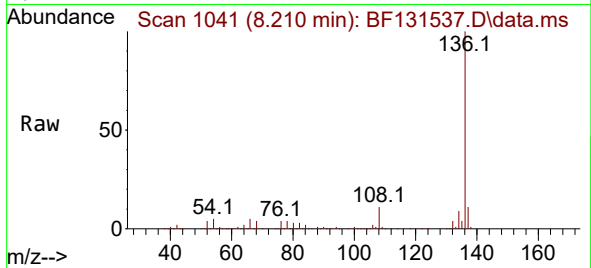




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1041
Delta R.T. -0.006 min
Lab File: BF131537.D
Acq: 06 Dec 2022 20:32

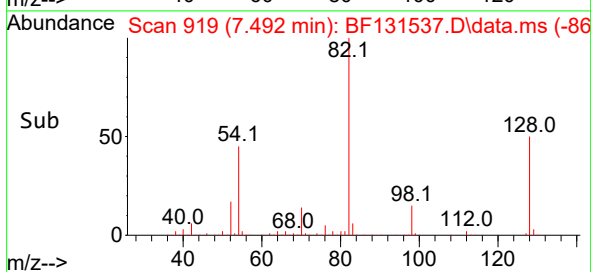
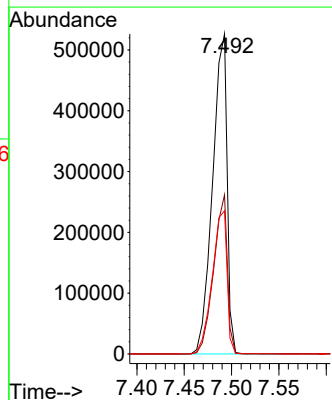
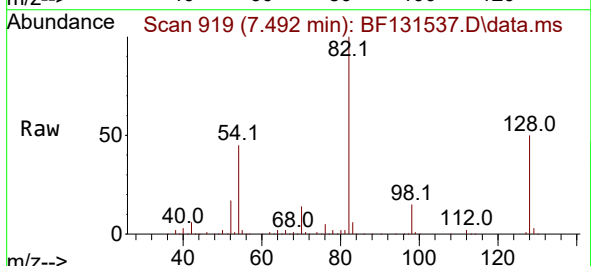
Instrument :
BNA_F
ClientSampleId :
EB-2022-11-28

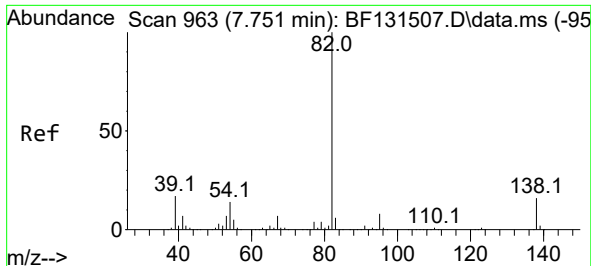
Tgt Ion:136 Resp: 364476
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 5.3 5.0 7.6
68 3.6 3.6 5.4#



#23
Nitrobenzene-d5
Concen: 70.720 ng
RT: 7.492 min Scan# 919
Delta R.T. 0.000 min
Lab File: BF131537.D
Acq: 06 Dec 2022 20:32

Tgt Ion: 82 Resp: 561611
Ion Ratio Lower Upper
82 100
128 49.7 29.7 44.5#
54 44.8 38.7 58.1

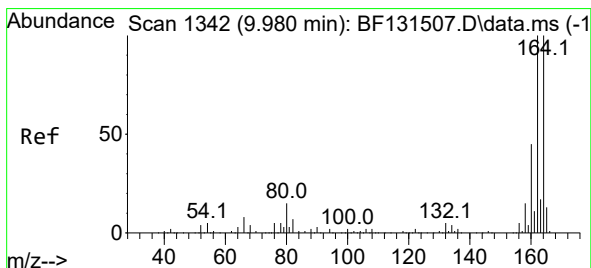
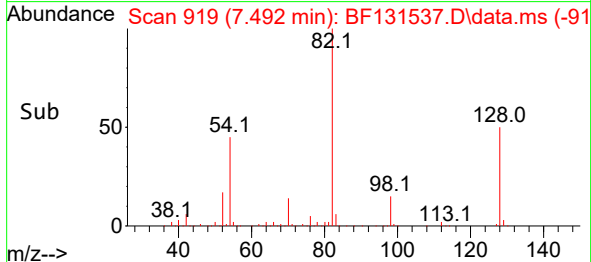
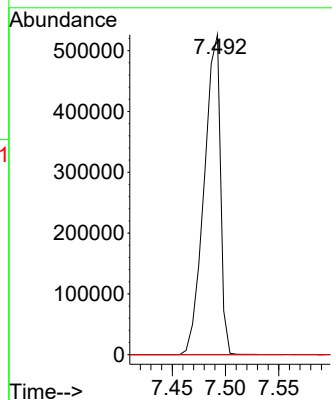
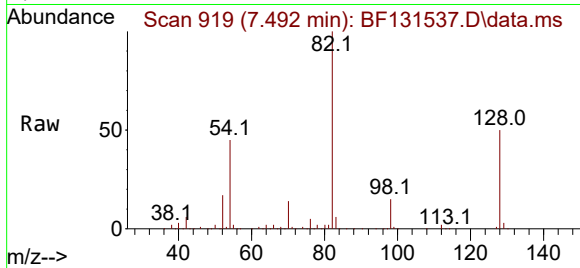




#25
Isophorone
Concen: 45.356 ng
RT: 7.492 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF131537.D
Acq: 06 Dec 2022 20:32

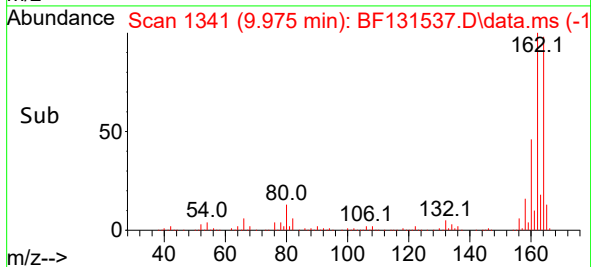
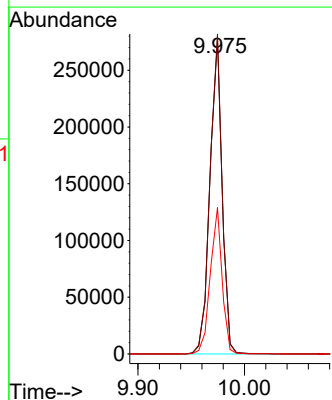
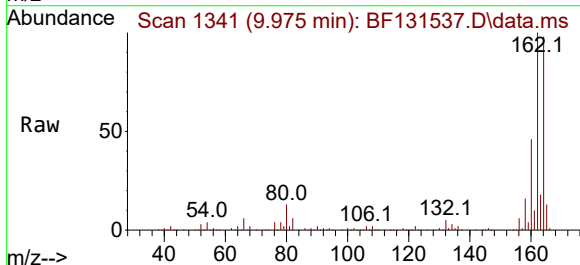
Instrument :
BNA_F
ClientSampleId :
EB-2022-11-28

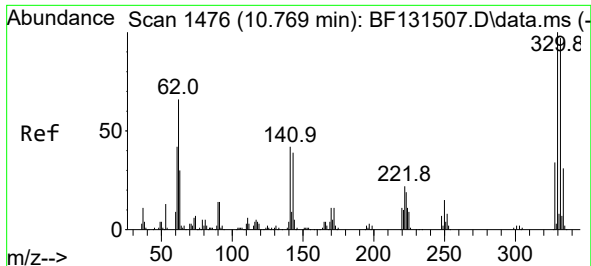
Tgt Ion: 82 Resp: 560277
Ion Ratio Lower Upper
82 100
95 0.0 6.6 9.8#
138 0.0 12.7 19.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.975 min Scan# 1341
Delta R.T. -0.005 min
Lab File: BF131537.D
Acq: 06 Dec 2022 20:32

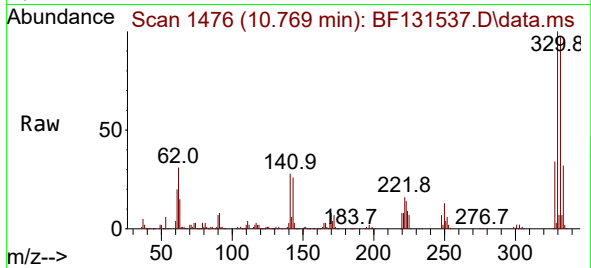
Tgt Ion: 164 Resp: 221956
Ion Ratio Lower Upper
164 100
162 101.6 80.1 120.1
160 46.5 36.4 54.6



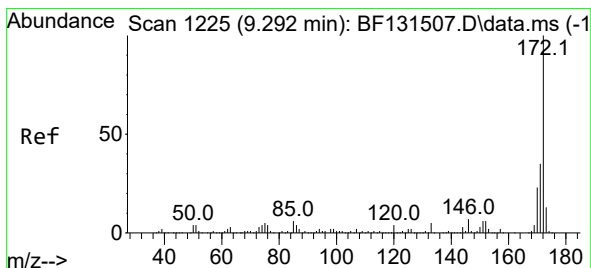
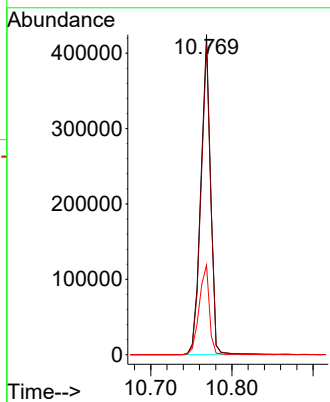
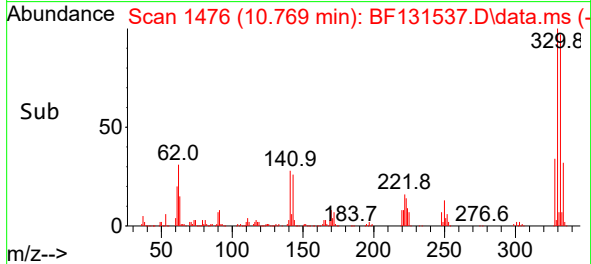


#42
2,4,6-Tribromophenol
Concen: 140.449 ng
RT: 10.769 min Scan# 1476
Delta R.T. -0.000 min
Lab File: BF131537.D
Acq: 06 Dec 2022 20:32

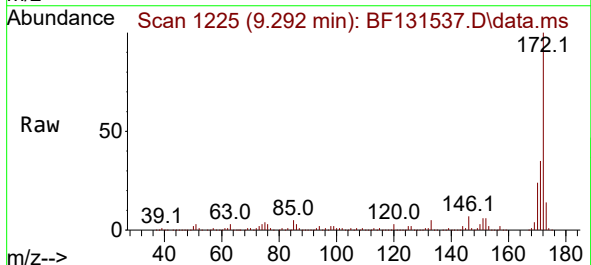
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BNA_F
ClientSampleId :
EB-2022-11-28



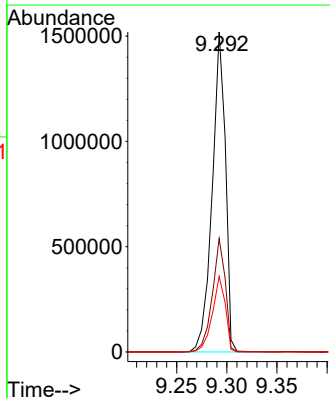
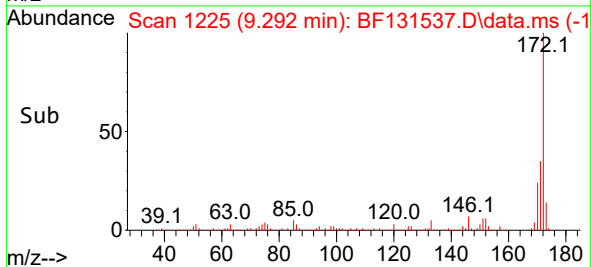
Tgt Ion:330 Resp: 354952
Ion Ratio Lower Upper
330 100
332 96.4 78.2 117.2
141 29.1 29.1 43.7#

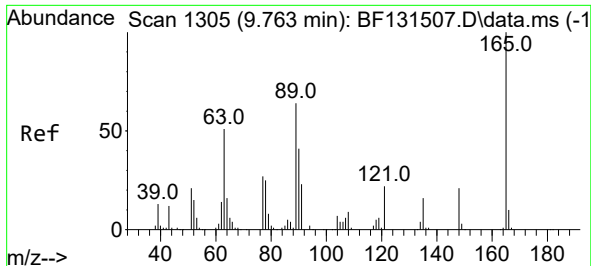


#45
2-Fluorobiphenyl
Concen: 82.454 ng
RT: 9.292 min Scan# 1225
Delta R.T. 0.000 min
Lab File: BF131537.D
Acq: 06 Dec 2022 20:32



Tgt Ion:172 Resp: 1395066
Ion Ratio Lower Upper
172 100
171 35.4 27.8 41.8
170 23.6 18.7 28.1

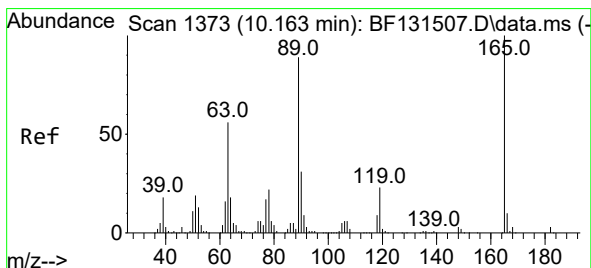
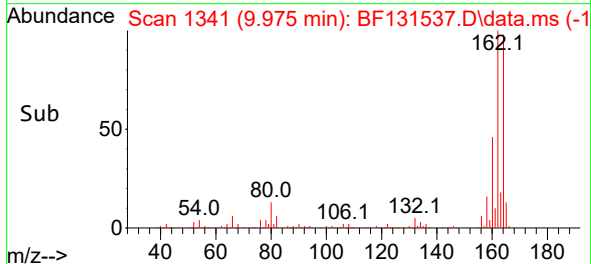
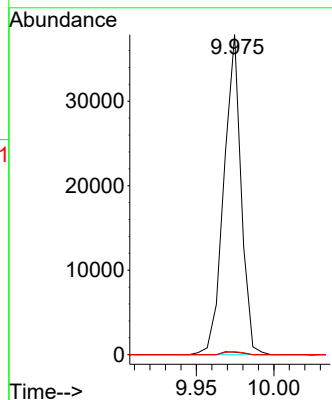
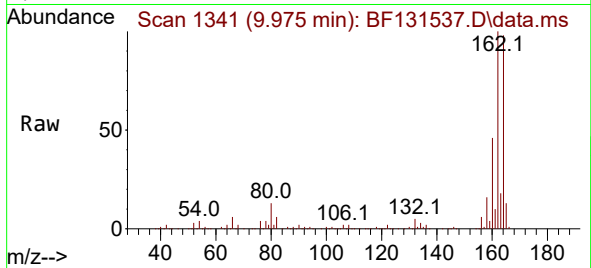




#51
2,6-Dinitrotoluene
Concen: 8.529 ng
RT: 9.975 min Scan# 1341
Delta R.T. 0.212 min
Lab File: BF131537.D
Acq: 06 Dec 2022 20:32

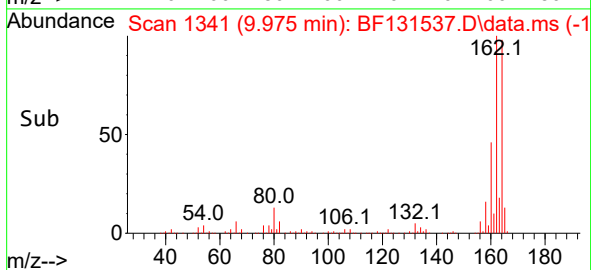
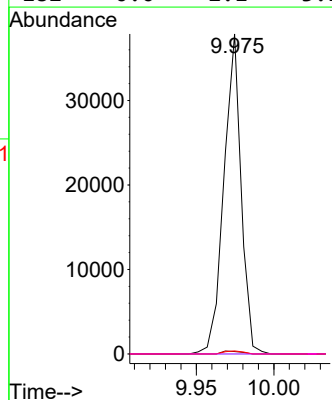
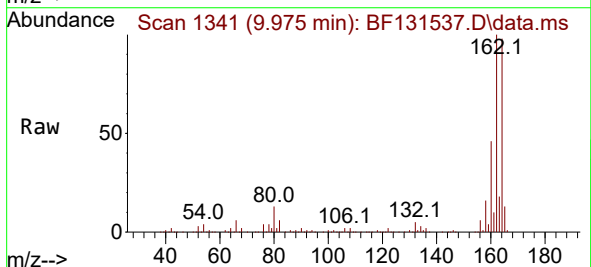
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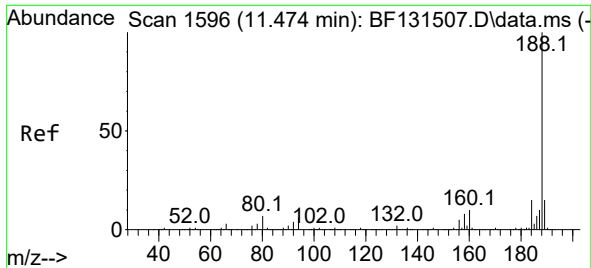
Tgt Ion:165 Resp: 29236
Ion Ratio Lower Upper
165 100
63 0.7 50.1 75.1#
89 1.0 51.3 76.9#



#57
2,4-Dinitrotoluene
Concen: 6.500 ng
RT: 9.975 min Scan# 1341
Delta R.T. -0.188 min
Lab File: BF131537.D
Acq: 06 Dec 2022 20:32

Tgt Ion:165 Resp: 29236
Ion Ratio Lower Upper
165 100
63 0.7 45.3 67.9#
89 1.0 71.0 106.4#
182 0.0 2.1 3.1#

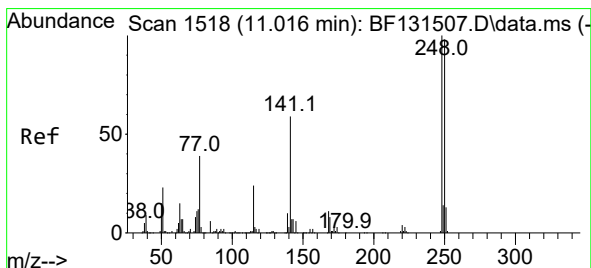
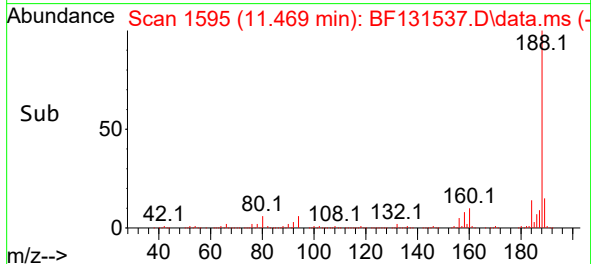
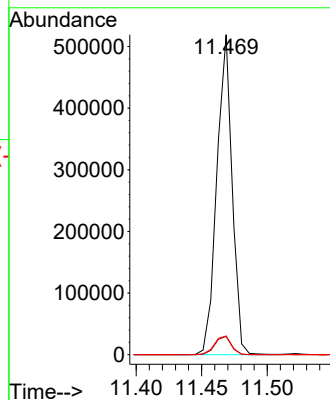
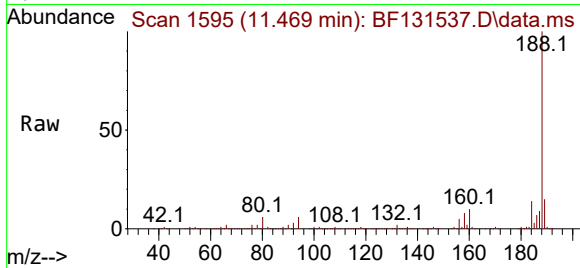




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.469 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131537.D
Acq: 06 Dec 2022 20:32

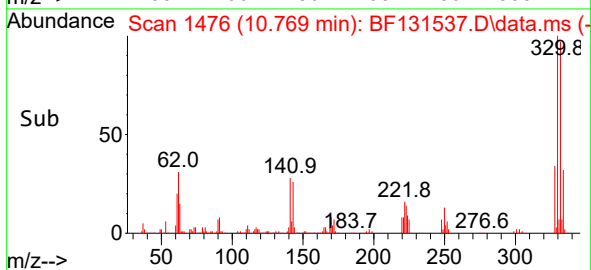
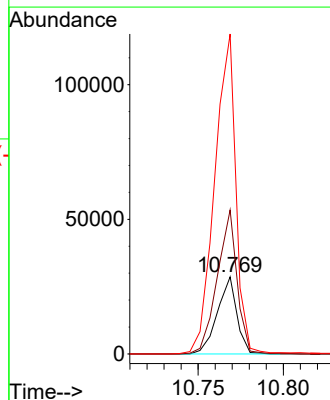
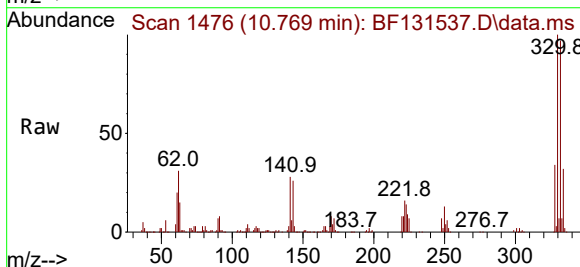
Instrument :
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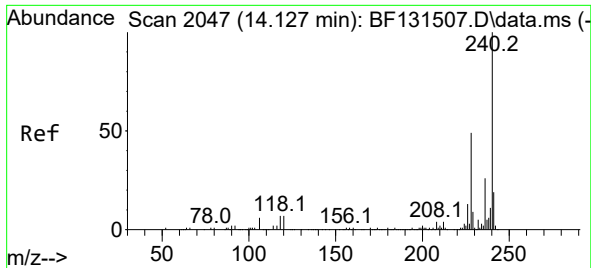
Tgt Ion:188 Resp: 421210
Ion Ratio Lower Upper
188 100
94 5.7 5.1 7.7
80 5.9 5.9 8.9#



#67
4-Bromophenyl-phenylether
Concen: 4.317 ng
RT: 10.769 min Scan# 1476
Delta R.T. -0.247 min
Lab File: BF131537.D
Acq: 06 Dec 2022 20:32

Tgt Ion:248 Resp: 22750
Ion Ratio Lower Upper
248 100
250 186.5 78.6 117.8#
141 414.6 47.1 70.7#

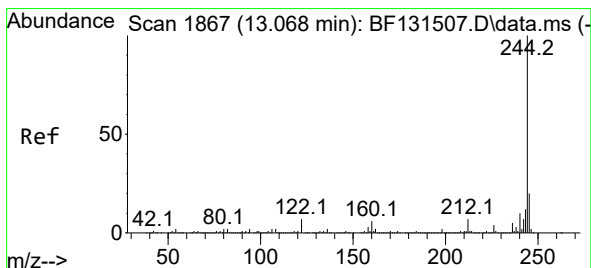
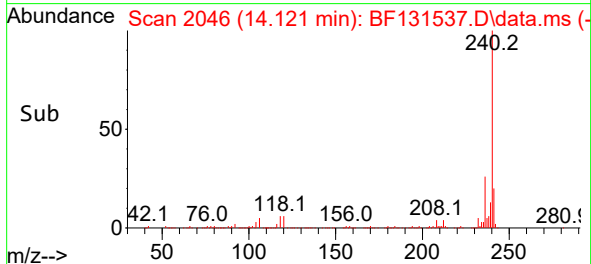
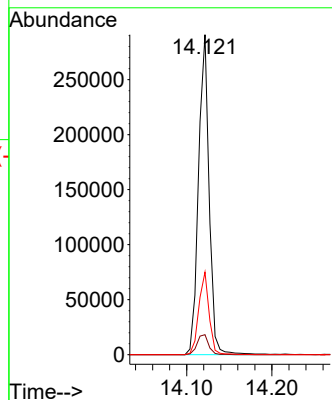
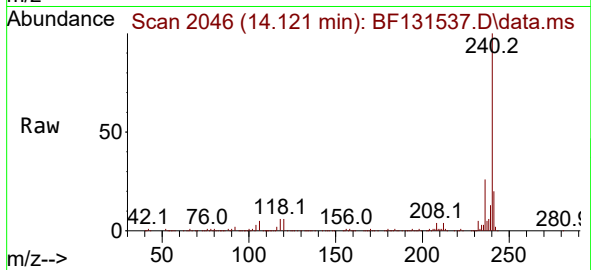




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2046
Delta R.T. -0.006 min
Lab File: BF131537.D
Acq: 06 Dec 2022 20:32

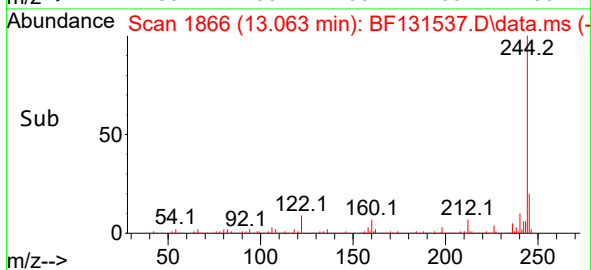
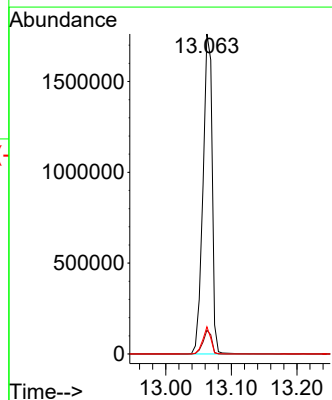
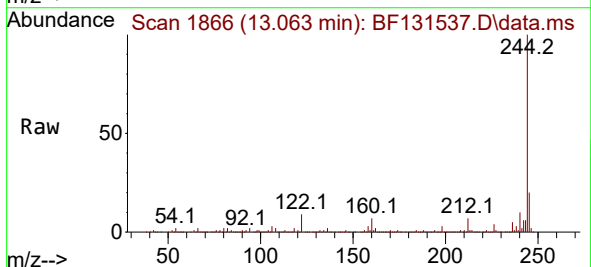
Instrument :
BNA_F
ClientSampleId :
EB-2022-11-28

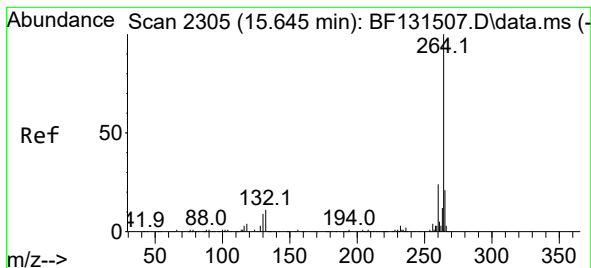
Tgt Ion:240 Resp: 252295
Ion Ratio Lower Upper
240 100
120 6.3 5.6 8.4
236 25.8 20.6 31.0



#79
Terphenyl-d14
Concen: 102.679 ng
RT: 13.063 min Scan# 1866
Delta R.T. -0.006 min
Lab File: BF131537.D
Acq: 06 Dec 2022 20:32

Tgt Ion:244 Resp: 1715405
Ion Ratio Lower Upper
244 100
212 7.4 5.7 8.5
122 8.5 5.4 8.2#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.639 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF131537.D

Acq: 06 Dec 2022 20:32

Instrument :

BNA_F

ClientSampleId :

EB-2022-11-28

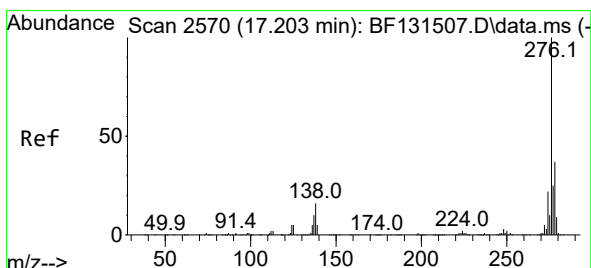
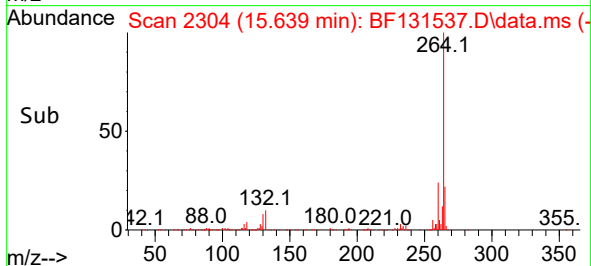
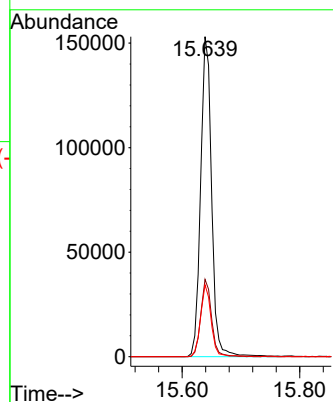
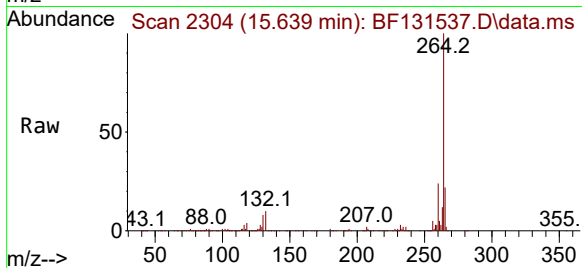
Tgt Ion:264 Resp: 198637

Ion Ratio Lower Upper

264 100

260 24.2 19.0 28.4

265 22.4 17.0 25.4



#87

Indeno(1,2,3-cd)pyrene

Concen: 3.036 ng

RT: 17.186 min Scan# 2567

Delta R.T. -0.017 min

Lab File: BF131537.D

Acq: 06 Dec 2022 20:32

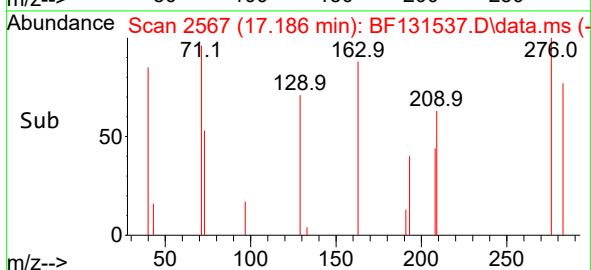
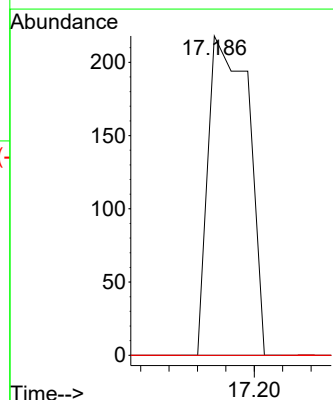
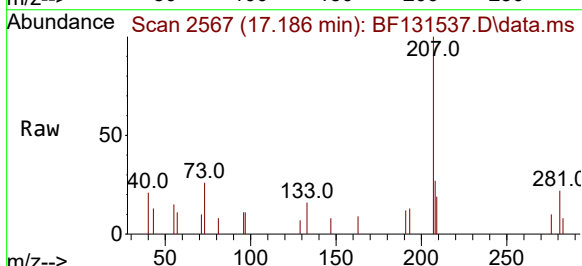
Tgt Ion:276 Resp: 214

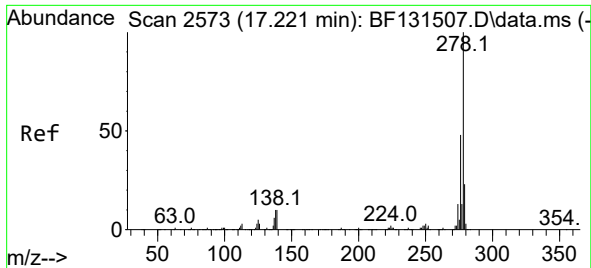
Ion Ratio Lower Upper

276 100

138 0.0 13.2 19.8#

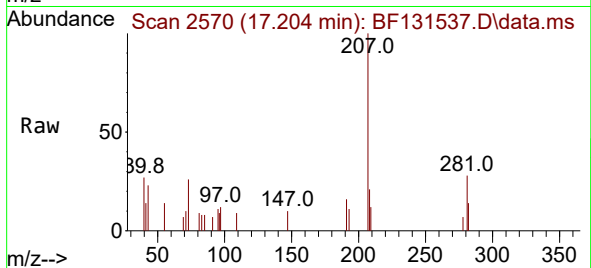
277 0.0 19.6 29.4#





#91
 Dibenzo(a,h)anthracene
 Concen: 3.489 ng
 RT: 17.204 min Scan# 21
 Delta R.T. -0.017 min
 Lab File: BF131537.D
 Acq: 06 Dec 2022 20:32

Instrument :
 BNA_F
 ClientSampleId :
 EB-2022-11-28



Tgt Ion:278 Resp: 56
 Ion Ratio Lower Upper
 278 100
 139 0.0 8.4 12.6#
 279 0.0 18.8 28.2#

